

0916423.093098

HU:MGSDVRDLNALLPAVPSLGGGGGCGALPVSGAAQWAPVLDFAAPPASAYGSL
MO:MGSDVRDLNALLPAVSSLGGGGGCGLPVSGAAQWAPVLDFAAPPASAYGSL

HU:GGPAPPPAPPPPPPPPPHSHFIKQEP SWGGAEPHEEQCLSAFTVHFSGQFTGTAG
MO:GGPAPPPAPPPPPPPPPHSHFIKQEP SWGGAEPHEEQCLSAFTLHFSGQFTGTAG

HU:ACRYGPF GPPPPSQASSGQARMFPNAPYLPSCLESQPAIRNQGYSTVTFDGTFS
MO:ACRYGPF GPPPPSQASSGQARMFPNAPYLPSCLESQPTIRNQGYSTVTFDGAPS

HU:YGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPPVYGCHTPTDSC TG
MO:YGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPPVYGCHTPTDSC TG

HU:SQALLLRTPYSSDNLYQMTSQLECM TWNQMNLGATLKGVAAGSSSSSVKWTE
MO:SQALLLRTPYSSDNLYQMTSQLECM TWNQMNLGATLKGMAAGSSSSSVKWTE

HU:GQSNHSTGYESDNHTTPILCGAQYRIHTHG VFRGIQDVRRVPGVAPTLVRSAS
MO:GQSNHGIGYESDNHTAPILCGAQYRIHTHG VFRGIQDVRRVSGVAPTLVRSAS

HU:ETSEKRPFMCAYPGCNKRYFKLSHLQMH SRKHTGEKPYQCDFKDCERRFSR
MO:ETSEKRPFMCAYPGCNKRYFKLSHLQMH SRKHTGEKPYQCDFKDCERRFSR

HU:SDQLKRHQRRHTGVKPFQCKTCQRKFSRSDHLKTHTRTHTGKTSEKPFSCR
MO:SDQLKRHQRRHTGVKPFQCKTCQRKFSRSDHLKTHTRTHTGKTSEKPFSCR

HU:WPSCQKKFARSDELVRHHNMHQ RNMTKLQ LAL
MO:WHSCQKKFARSDELVRHHNMHQ RNMTKLHVAL

FIG. 1



FIG. 2

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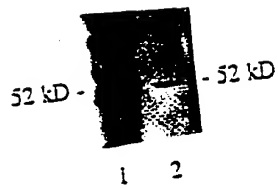


FIG. 3

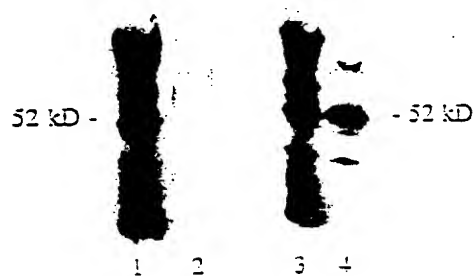


FIG. 4

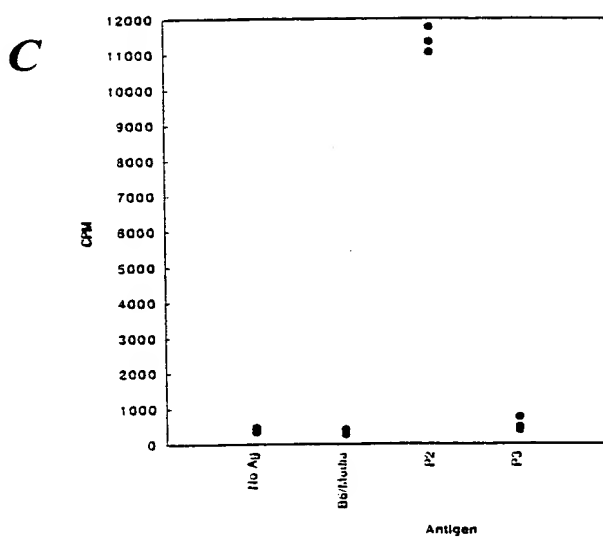
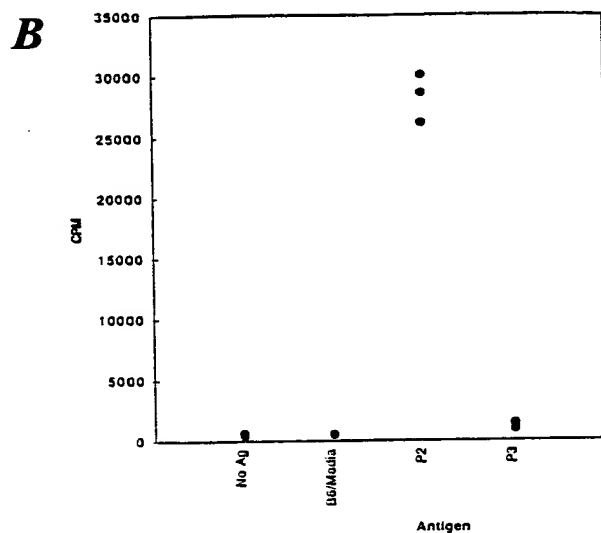
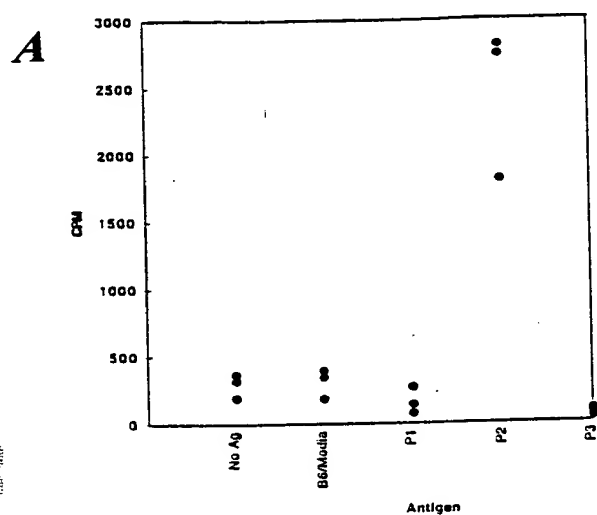
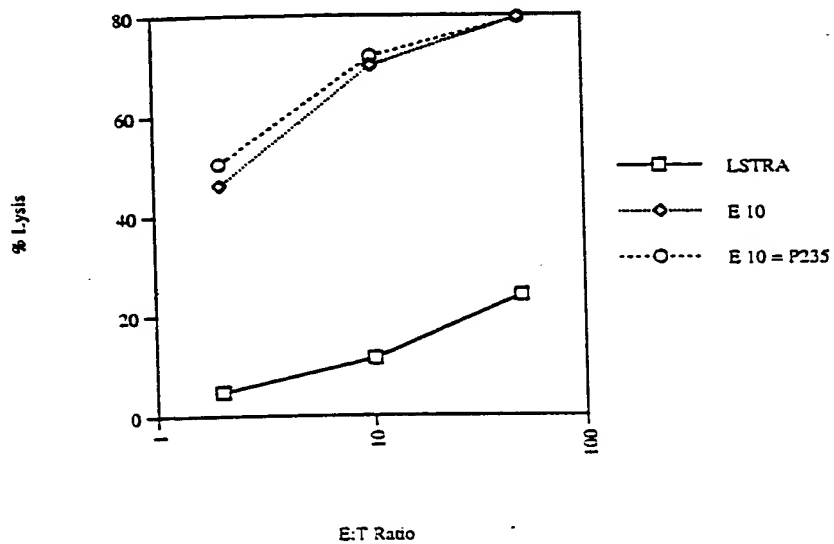


FIG. 5A-5C

A



B

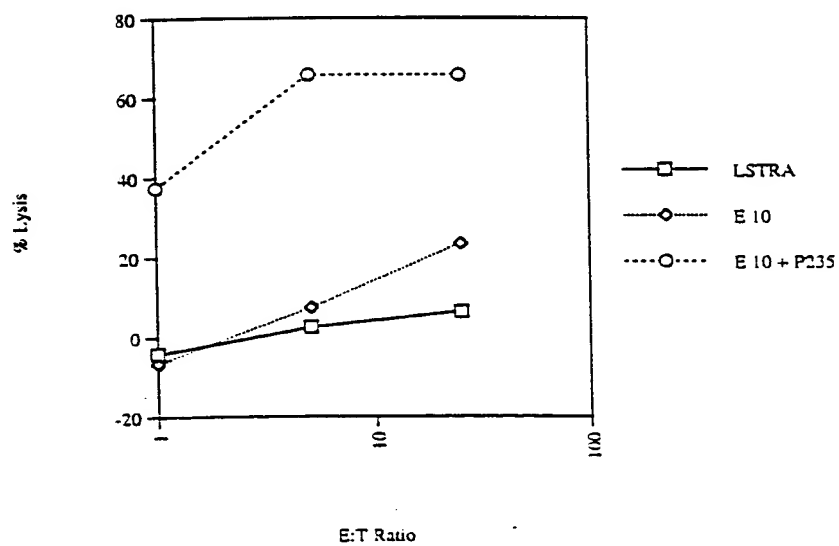


FIG. 6A and 6B

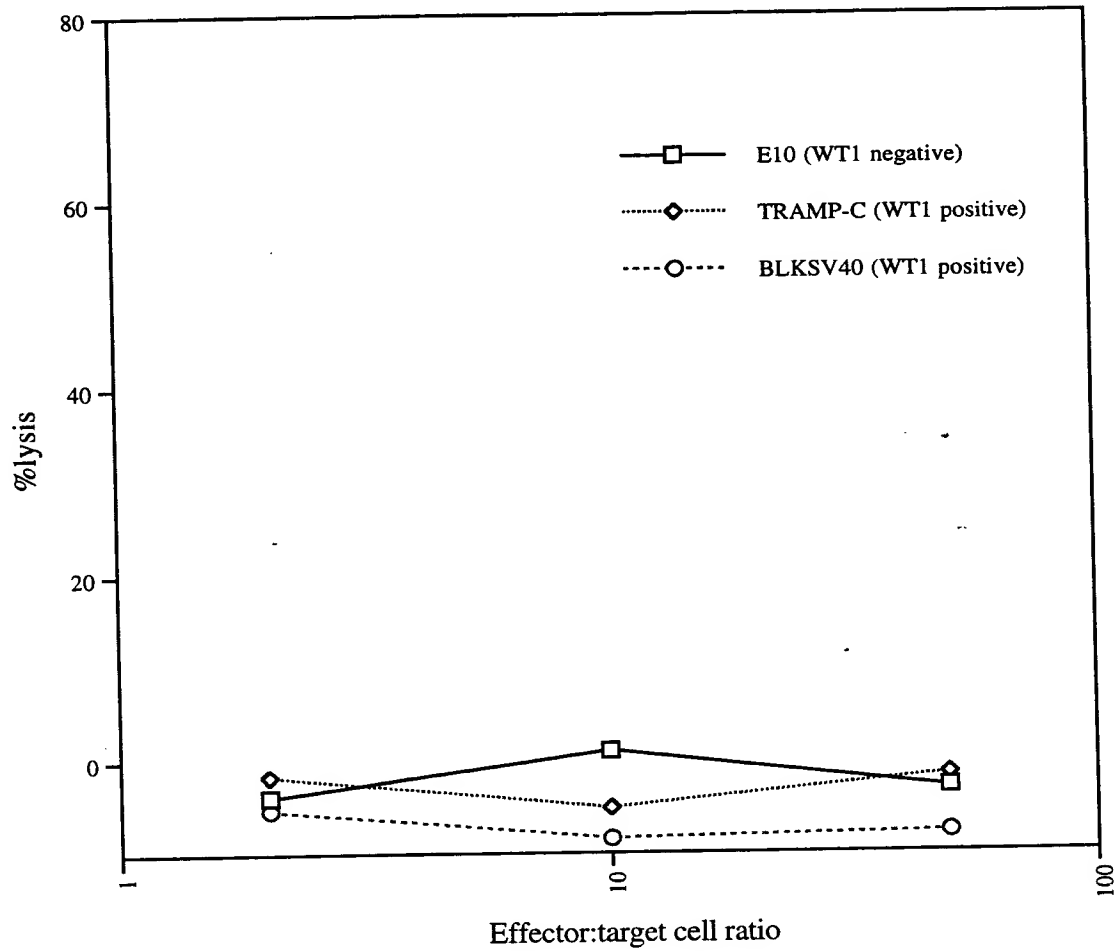


FIG. 7A

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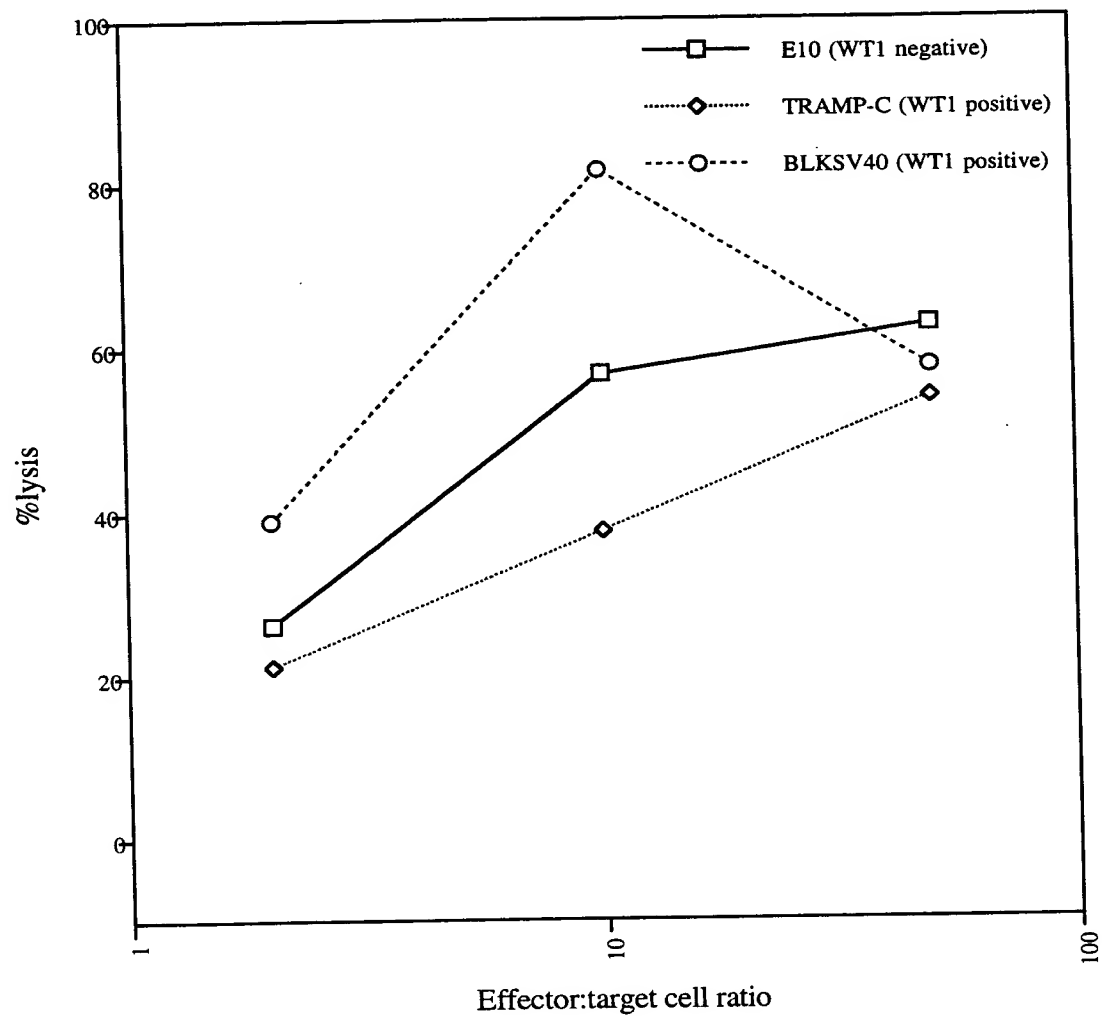


FIG. 7B

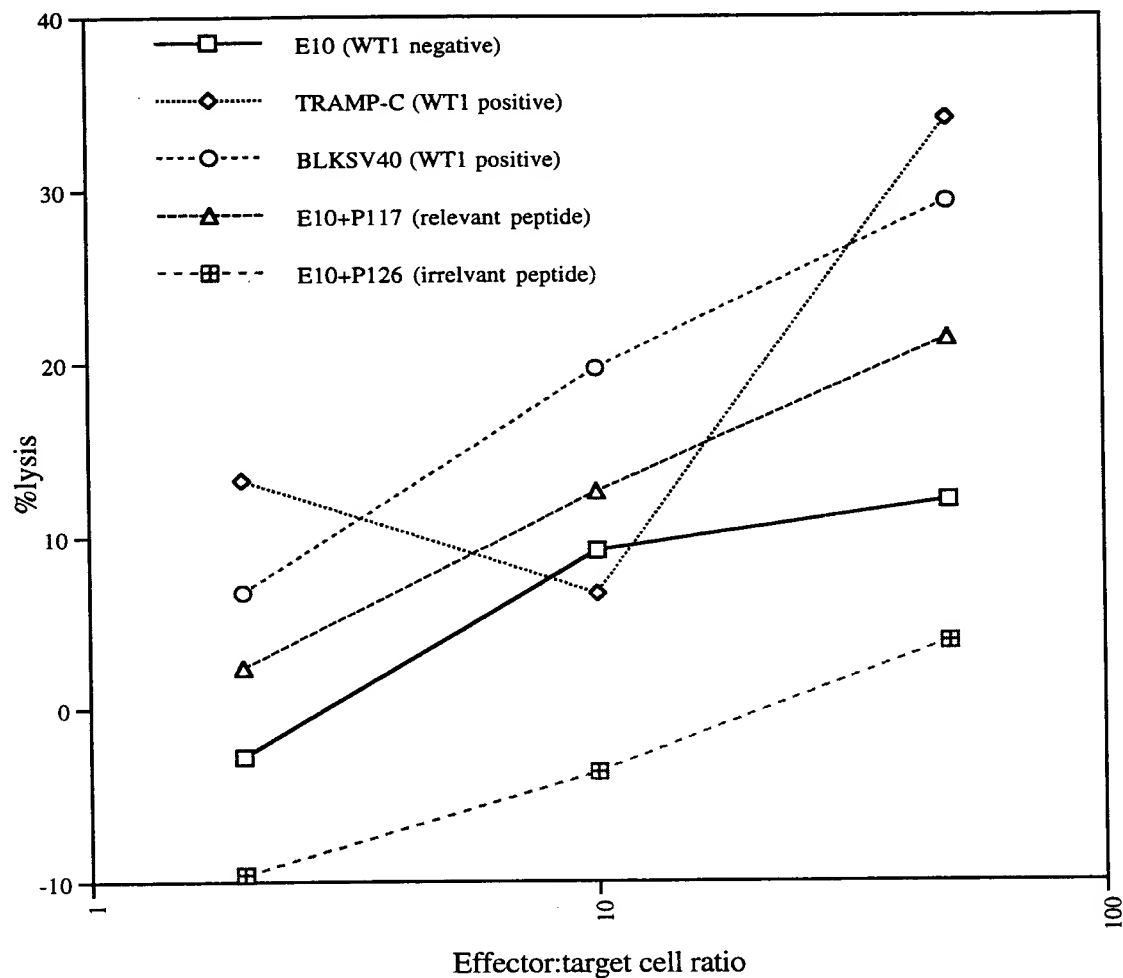


FIG. 7C

Effector:target cell ratio	E10 (WT1 negative)	TRAMP-C (WT1 positive)	BLK-SV40 (WT1 positive)	E10+P117 (relevant peptide)	E10+P126 (irrelevant peptide)
1	0	0	0	0	0
2	1	2	2	2	2
5	4	7	21	11	0
10	3	12	20	22	3
20	0	19	18	37	6

FIG. 7D

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860650" 22249760

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5   10  15  20  25  30  35  40  45  50  55  60  65  70  75
MGSDVRDLNALLPAVPSLGGGGGCGALPVSGAAQWAPVLDFAAPPASAYGSLGGPAPPPAPPPPPPPHPSFIKQE
.....AAAAAAAAAAAAAAAA.....AAAAA.....AAAAAAAAAAAA.....
.....RRRR.....
.....
.....

80  85  90  95  100 105 110 115 120 125 130 135 140 145 150
PSWGGAEPHEEQCLSAFTVHFSGQFTGTAGACRYGPFPGPPPSQASSGQARMFPNAPYLPSCLESQPAIRNQYS
.....AAA.....AAAA.....AAA.....AAAAA.....
.....RRRR.....RRRR.....
.....DDDDDDDD.....
.....

155 160 165 170 175 180 185 190 195 200 205 210 215 220 225
TVTFDGTPSYGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPVYGCHTPTDSTGSQALLRTPYSSDN
.....AAAAA.....AAAAA.....AA
.....RRRR.....DDDDDDDDDDDDDD...
.....

230 235 240 245 250 255 260 265 270 275 280 285 290 295 300
LYQMTSQLECMTNQMNLGATLKGVAAGSSSVKWTGQSNHSTGYESDNHTTPILCGAQYRIHTHGVRFGIQDV
AAAAA.....AAA.AAA.....AAAAAAAAA
.....RRRRRRRRRR.....RRRR.....RRRR.....
DDDDDD.....DDDDDDDDDD.....dddd.....

305 310 315 320 325 330 335 340 345 350 355 360 365 370 375
RRVPGVAPTLVRSASETSEKRPFMCAYPGCNKRYFKLSHLQMSRKHTGEKPYQCDFKDCERRFRSDQLKRHQR
AAAAA.....AAAAA.....AAAA.AAAAAA.
.....RRRR.....RRRR.....
.....DDDDDD.....

380 385 390 395 400 405 410 415 420 425 430 435 440 445 450
RHTGVKPFQCKTCQKRFSDHLKTHTRHTGTSEKPFSCRWPSQCKKFARSDELVRHHNMHQRNMTKLQAL
.....AAAA.AAAA..AA.....AAAA.....AAA.....AAAAA.....AAA.....
.....RRRR..RRRR.....
.....dddddddddd.....

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FIG. 8A

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5   10  15  20  25  30  35  40  45  50  55  60  65  70  75
MGSDVRDLNALLPAVSSLGGGGGCGLPVSGAAQWAPVLDFAFPGASAYGSLGGPAPPPAPPPPPPPHFSFIKQE
.....AAAAAAAAAAAAAAAA.....AAAAA.....AAAAAAAAAAAA.....
.....RRRR.....
.....

80  85  90  95  100 105 110 115 120 125 130 135 140 145 150
PSWGGAEPHEEQCLSAFTLHFSGQFTGTAGACRYGPFPPPPPSQASSGQARMFPNAPYLPSCLESQPTIRNQYS
.....AAAA.....AAA.....AAAAA.....
.....RRRR.....RRRR.....
.....DDDDDDDD.....

155 160 165 170 175 180 185 190 195 200 205 210 215 220 225
TVTFDGAPSYGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPYGCHTPTDCTGSQALLLRTPYSSDN
.....AAAA.....AAAAA.....AA
.....RRRR.....DDDDDDDDDDDDDD.....

230 235 240 245 250 255 260 265 270 275 280 285 290 295 300
LYQMTSQLECMTNQMNLGATLKGMAAGSSSVKWTGQSNHGIGYESDNHTAPILCGAQYRIHTGVFRGIQDV
AAAAA.....AAA.AAA.....AAAAAAAAA
.....RRRRRRRRRR.....RRRR.....RRRR.....
DDDDDD.....DDDDDDDDDDDD.....dddd.....

305 310 315 320 325 330 335 340 345 350 355 360 365 370 375
RRVSGVAPTLVRSASETSEKRPFMCAYPGCNKRYFKLSHLQMHRSKHTGEKPYQCDKDCERRFRSDQLKRHQR
AAAAA.....AAAAA.....AAAA.AAAAAA.....
.....RRRR.....RRRR.....
DDDDDDDDDDDD.....

380 385 390 395 400 405 410 415 420 425 430 435 440 445 450
RHTGVKPFQCKTCQRKFSRSDHLKTHTRTHTGKTSEKPFSCRWHSCQKKFARSDELVRHHNMHQNRMTKLHVAL
.....AAAA.AAAA..AA.....AAAA.....AA.....AAAAA.....AAAA.....
.....RRRR..RRRR.....
.....dddddddddd.....
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FIG. 8B